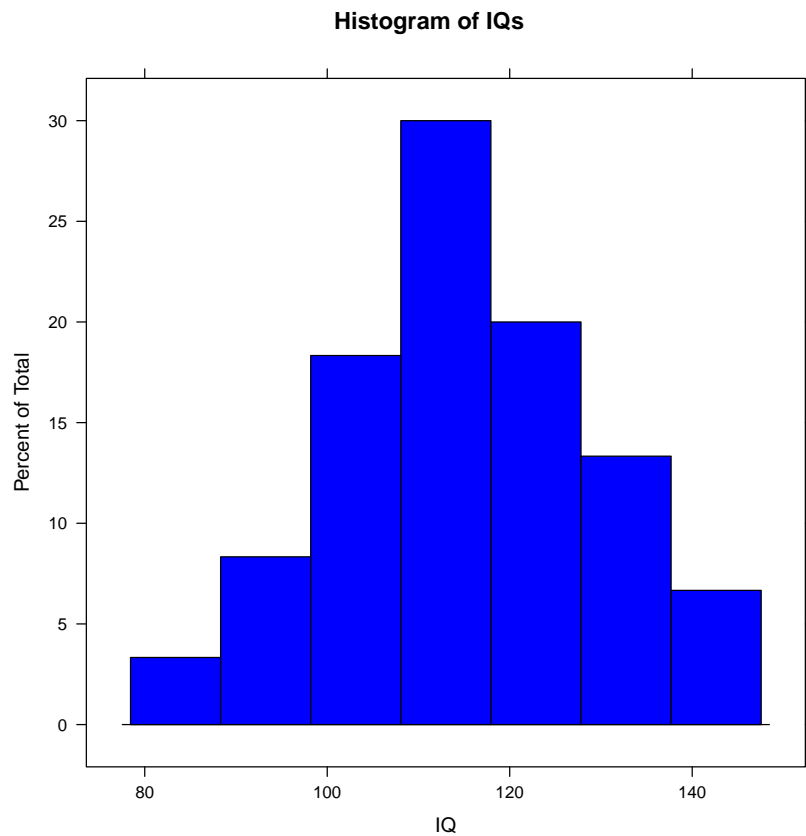# Stat 350: Lab 1

## James Watterson

## January 15, 2015

# A Distribution of IQ scores

```
1. iqs = read.table('eg01-14iq.txt', header=TRUE)
```

```
2. histogram(~IQ, iqs, main = "Histogram of IQs", col="blue")
```

**Histogram of IQs**

# B  Grades and self-concept

1. ```
   sev = read.table('ex01-44sevengr.txt', header=TRUE)
   ```

2. 5 variables, ID, GPA, IQ, and SelfConcept are quantitative variables and Gender is a categorical variable.

3. ```
   histogram(~ID, sev, main="Histogram of IDs", col="blue")
   histogram(~GPA, sev, main="Histogram of GPAs", col="blue")
   histogram(~IQ, sev, main="Histogram of IQs", col="blue")
   histogram(~SelfConcept, sev, main="Histogram of Self Concept", col="blue")
   ```